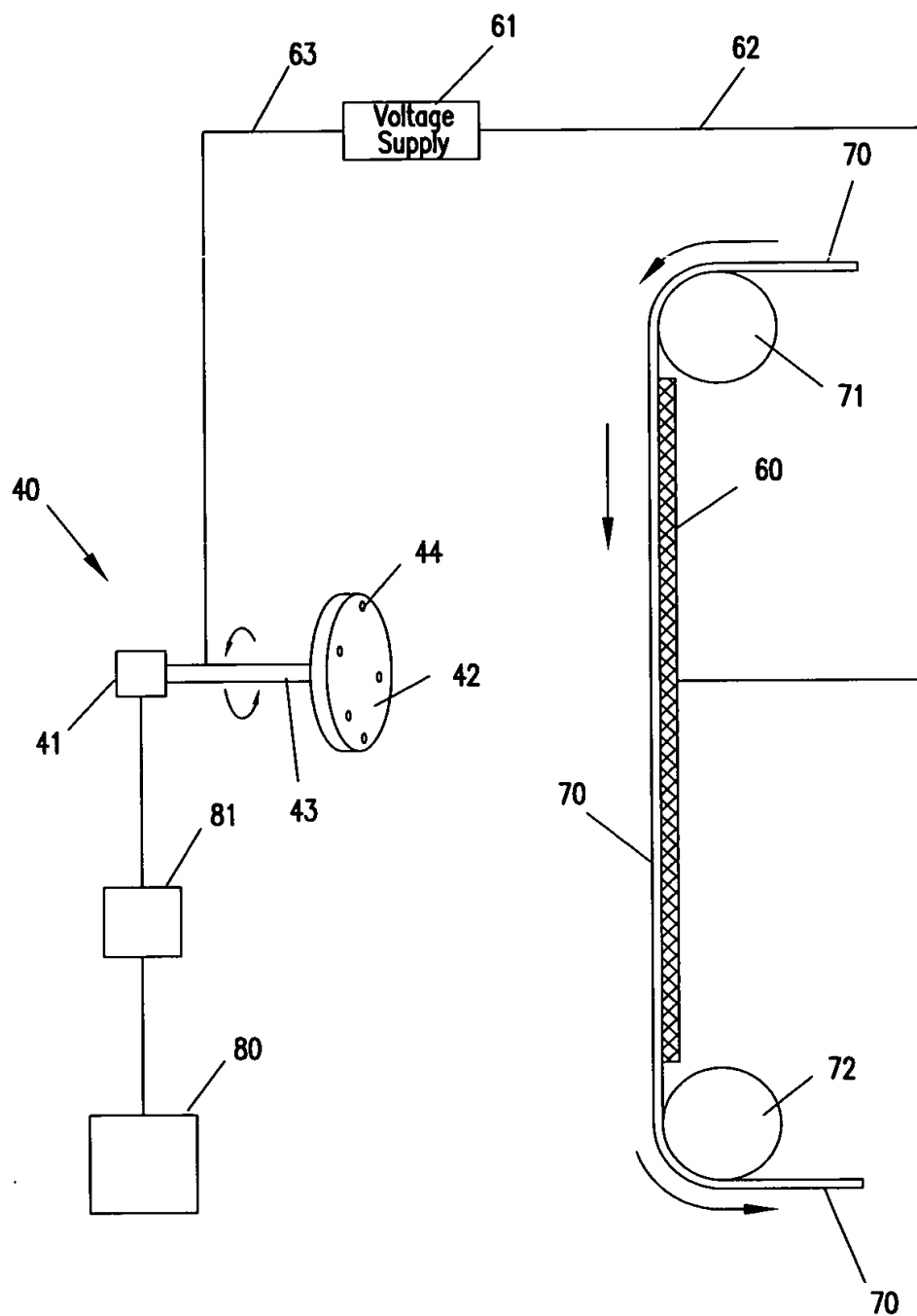


FIG. 1



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FIG. 2

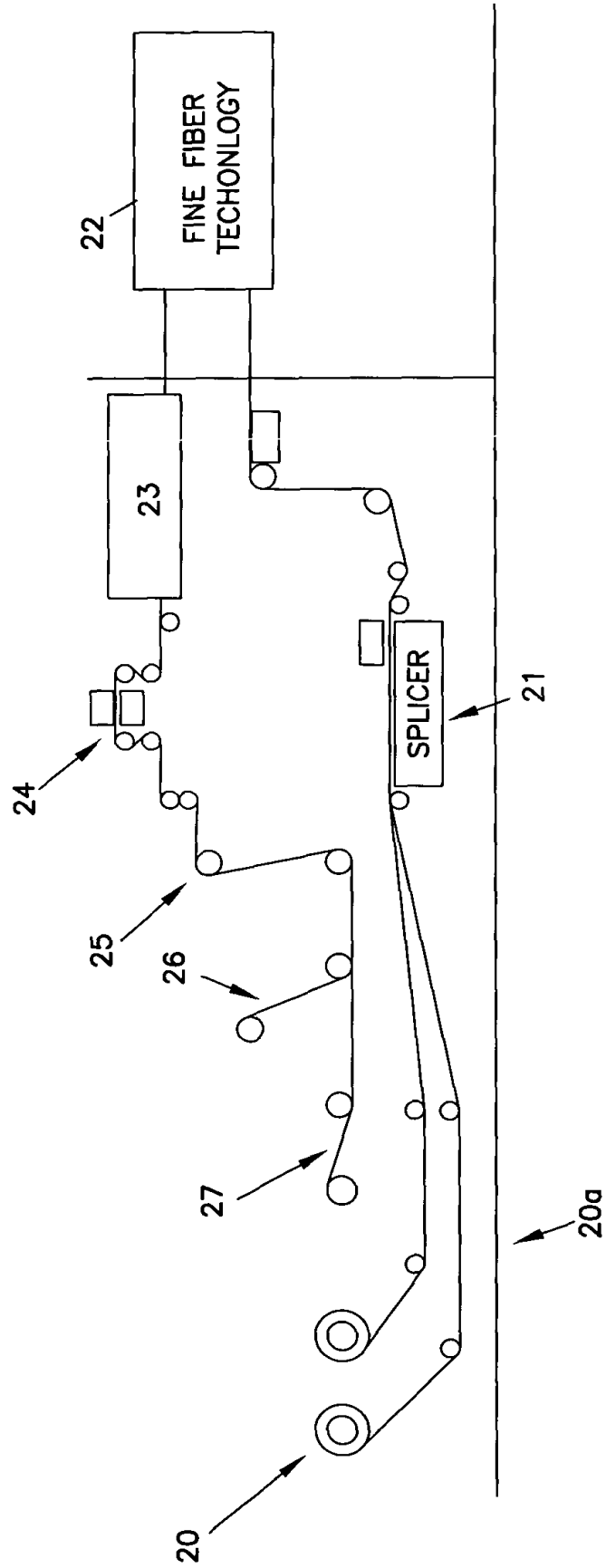


FIG. 3A

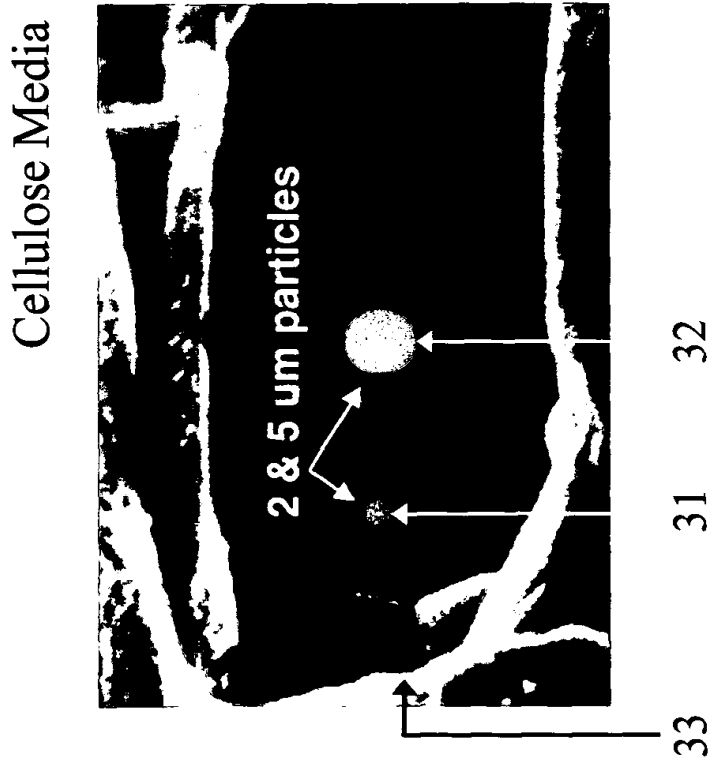
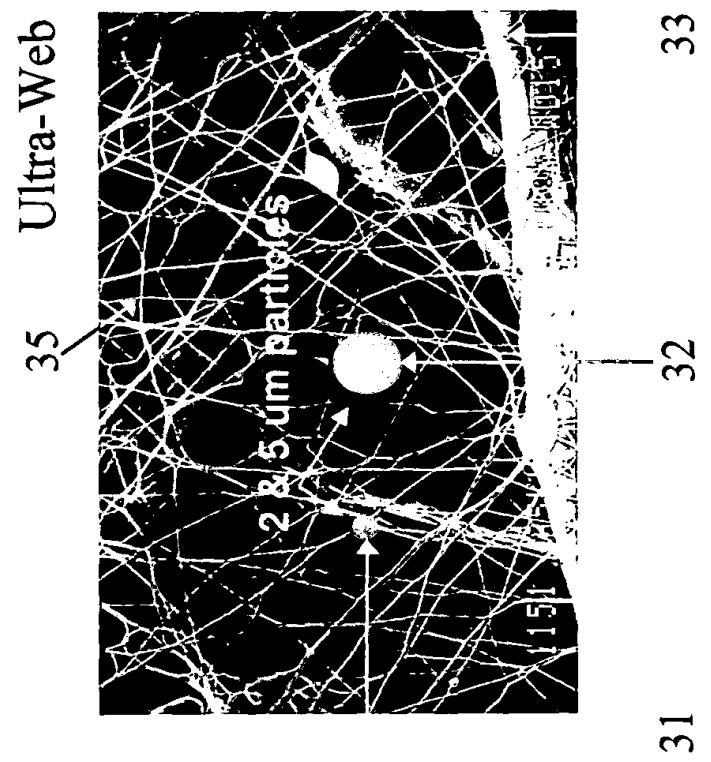


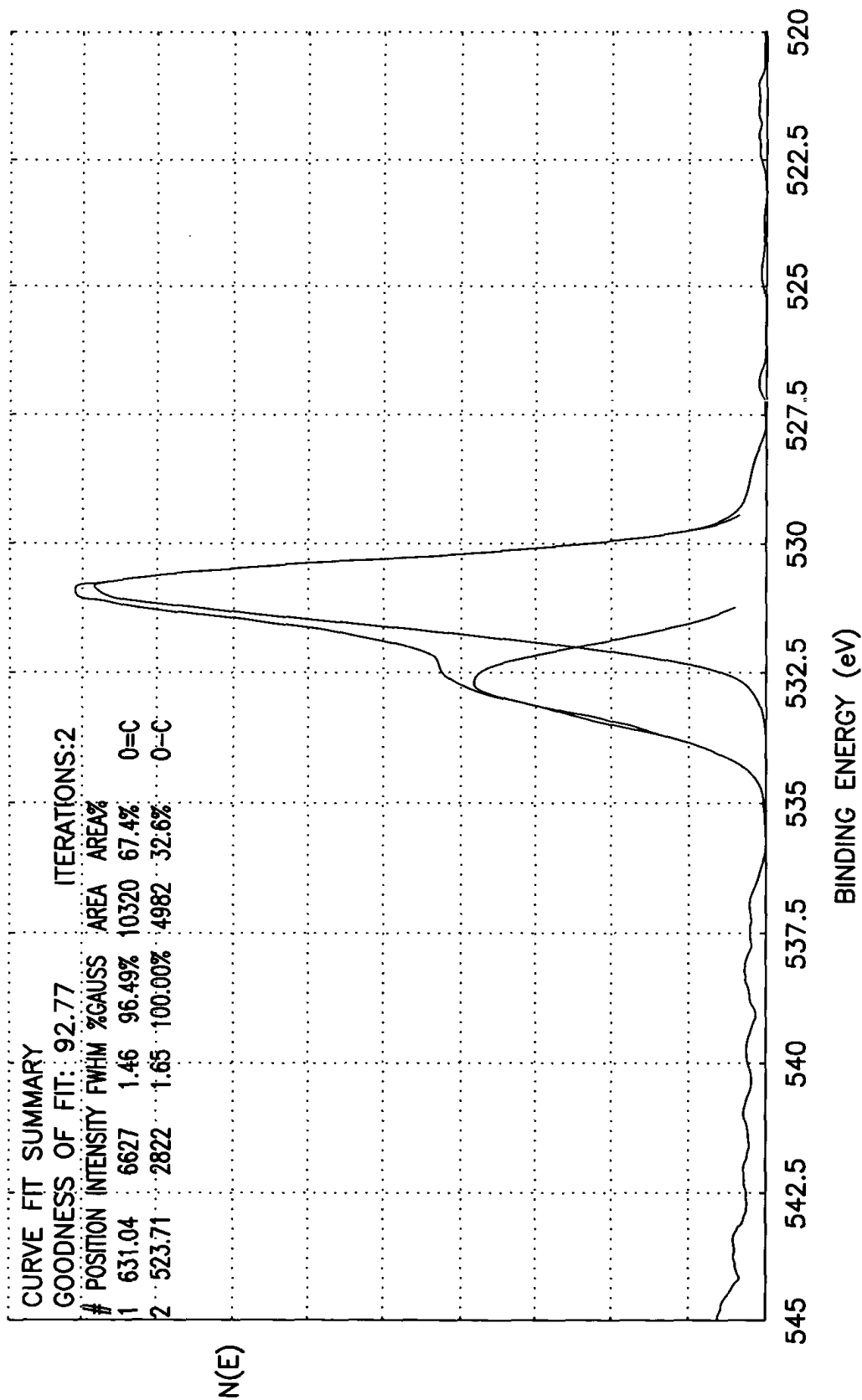
FIG. 3B



2,000 X Scanning Electron Microscope Images

FIG. 4

ESCA O1s SPECTRA FOR SAMPLE 6A AS SPAN



ESCA O1s SPECTRA FOR HEAT-TREATED SAMPLE 6A

FIG. 5

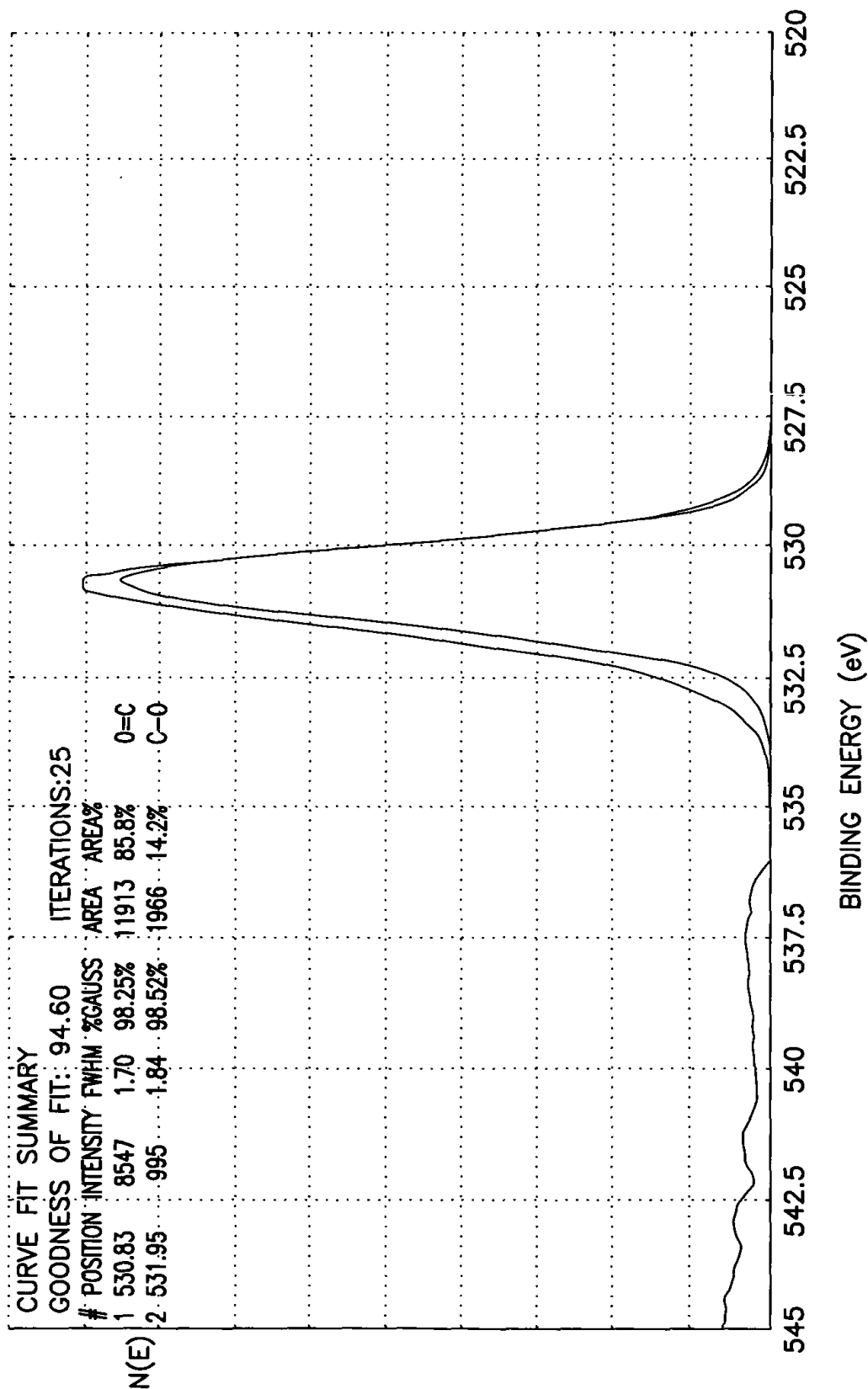
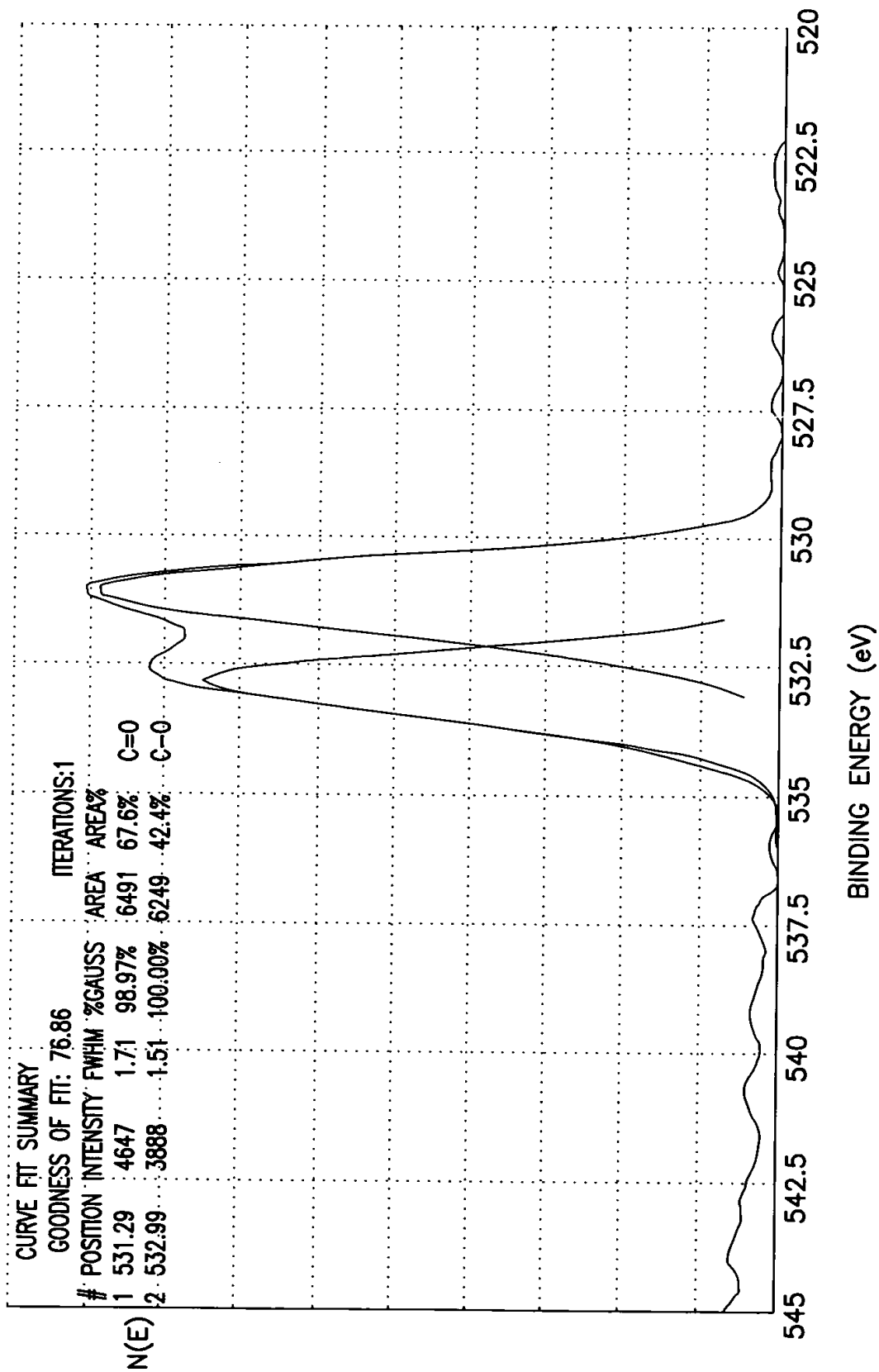


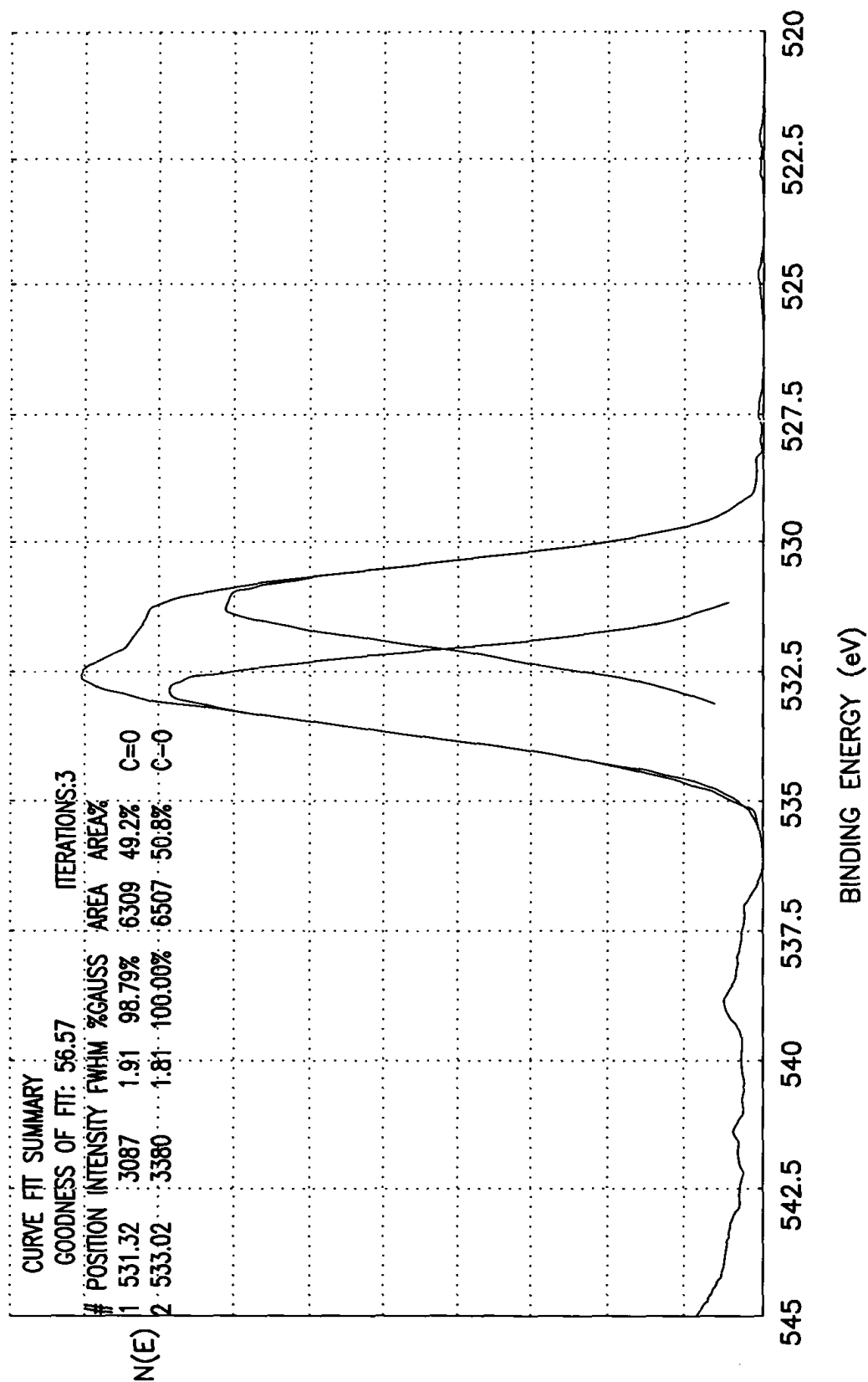
FIG. 6

ESCA O1s SPECTRA FOR AS-SPAN EXAMPLE 6B



ESCA O1s SPECTRA FOR HEAT-TREATED EXAMPLE 6B

FIG. 7



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FIG. 8

ESCA 01s MULTIPLEX FOR AS-SPUN SAMPLE: 6A

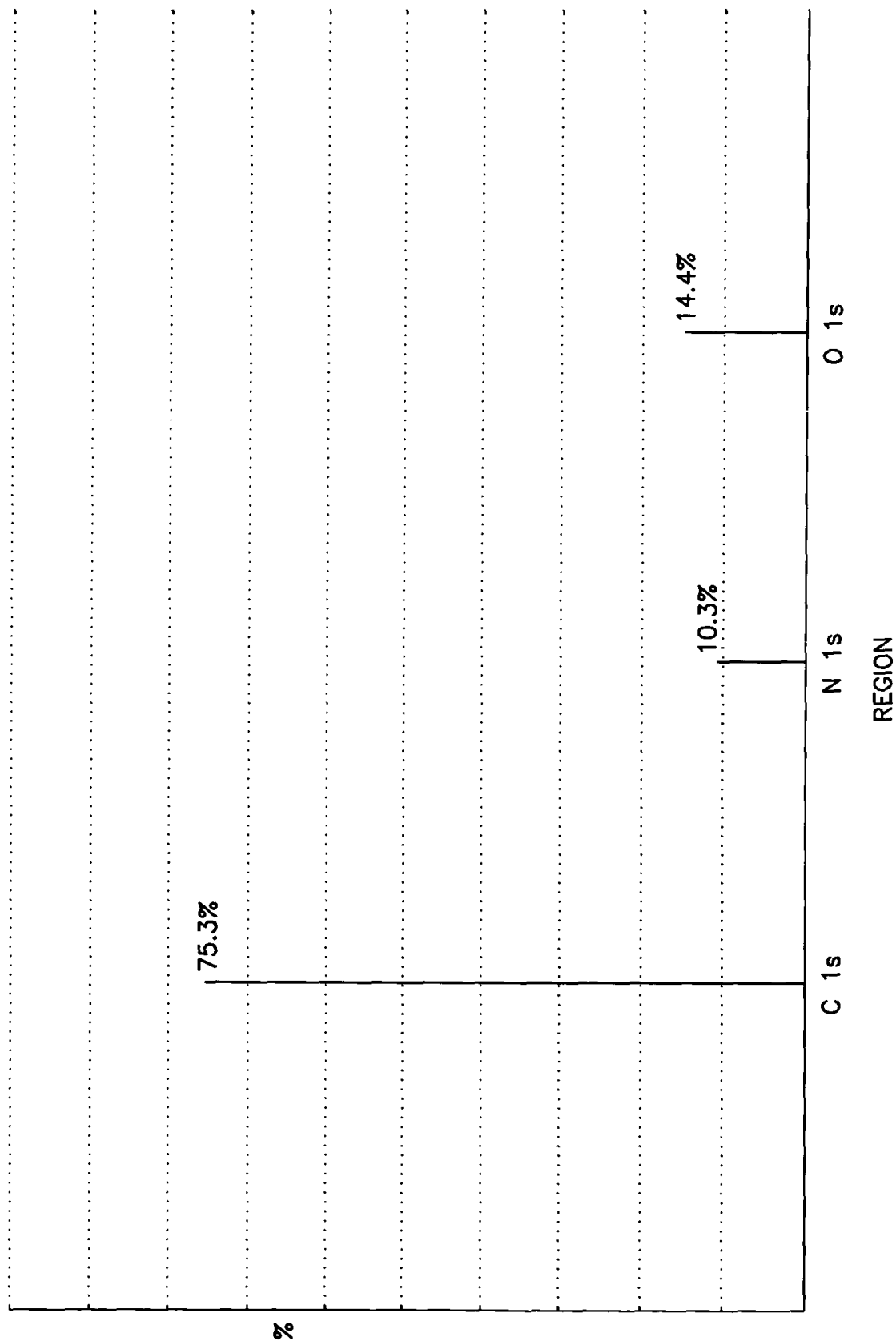
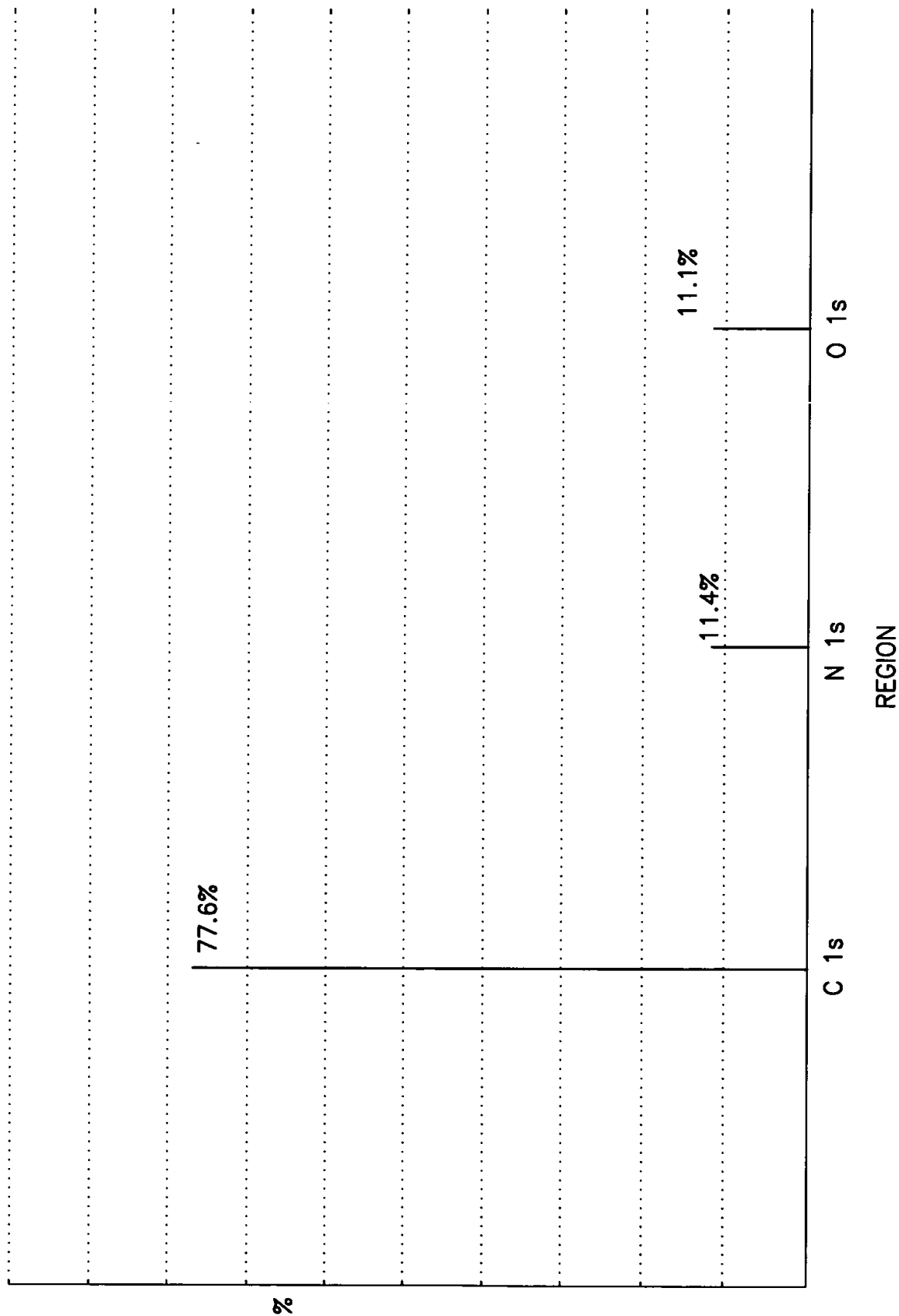




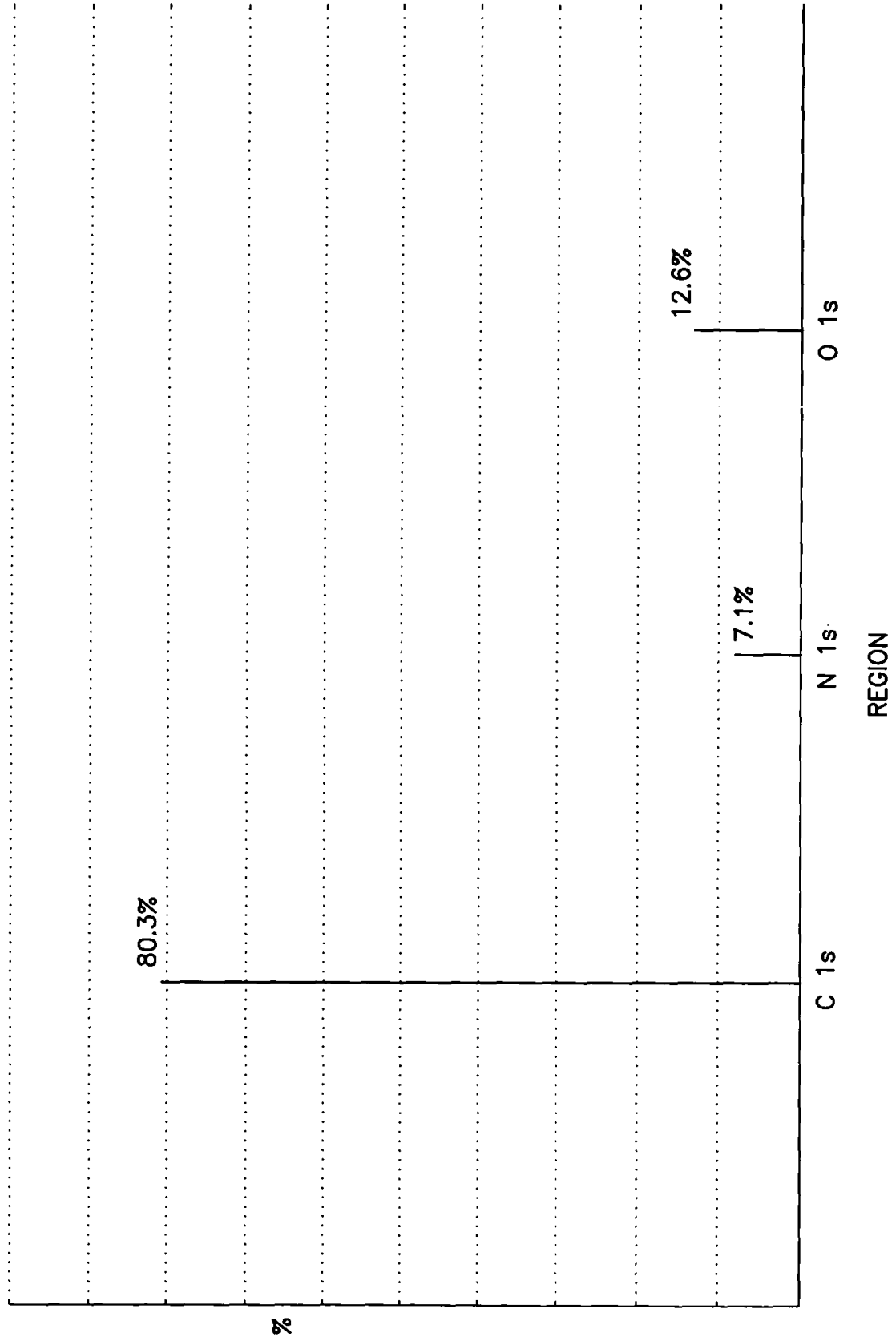
FIG. 9

ESCA 01s MULTIPLEX FOR HEAT TREATED SAMPLE 6A



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FIG. 10 ESCA 01s MULTIPLEX FOR AS-SPIN SAMPLE 6B



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FIG. 11

ESCA 01s MULTIPLEX FOR HEAT-TREATED SAMPLE 6B

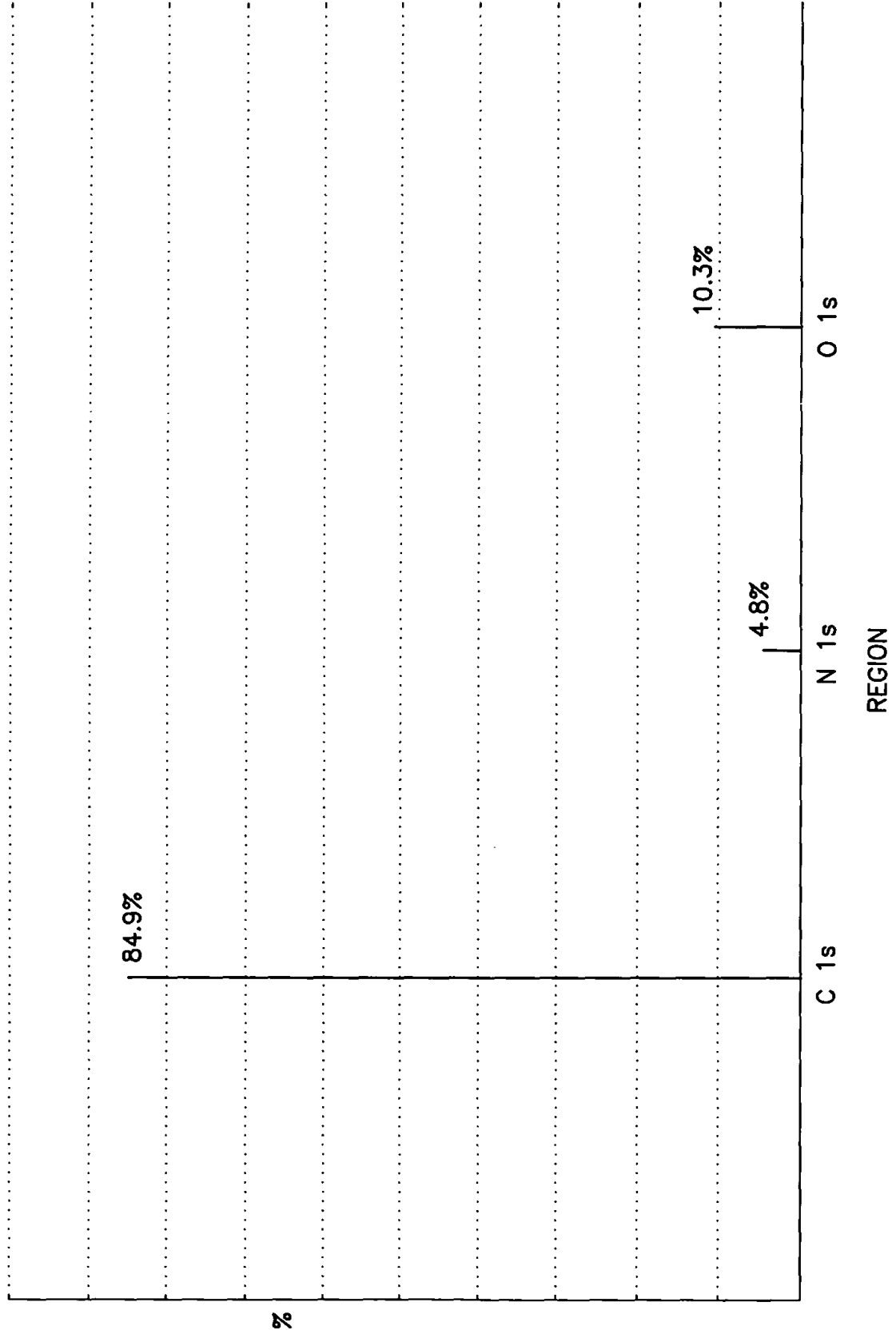


FIG. 12

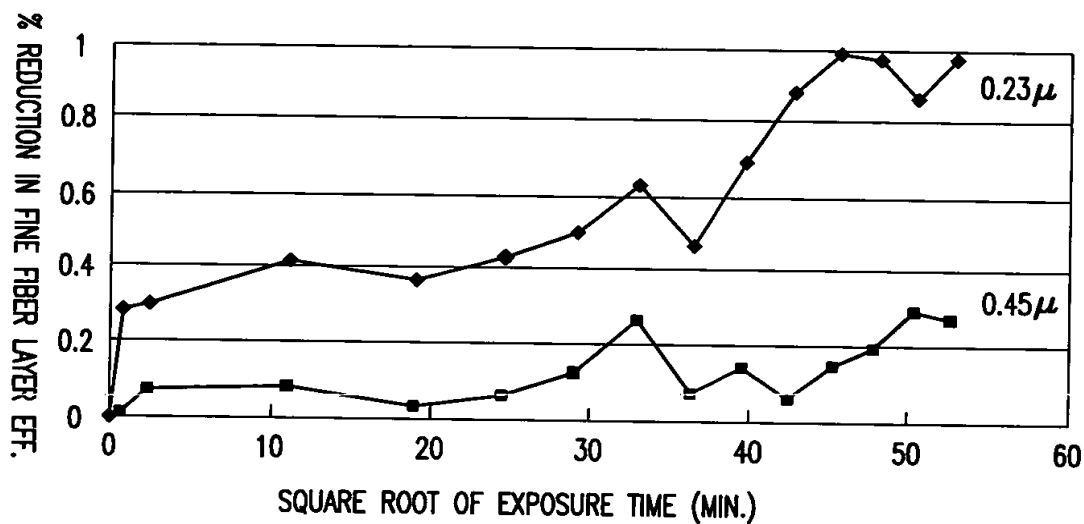


FIG. 13

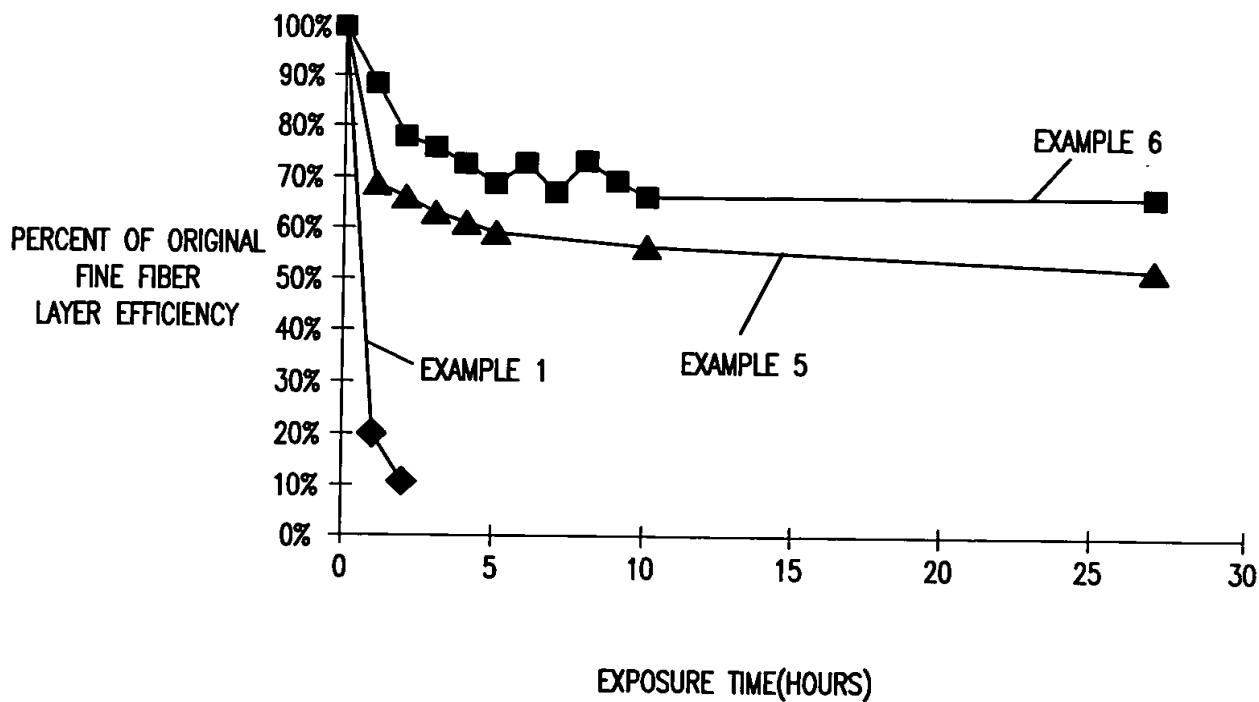


FIG. 14

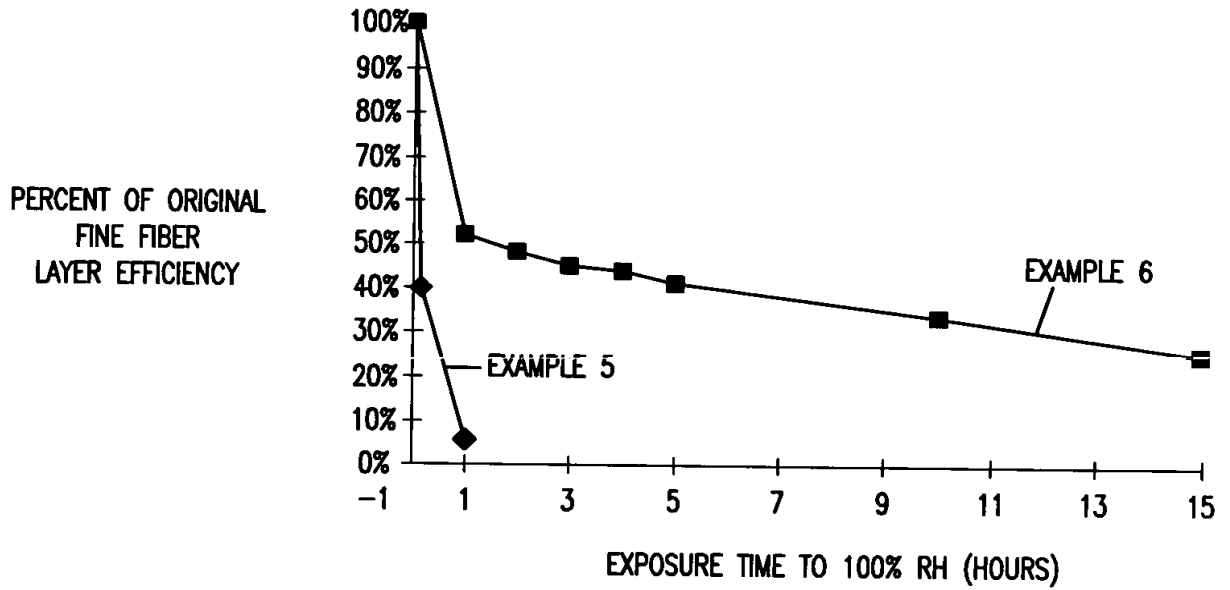


FIG. 15

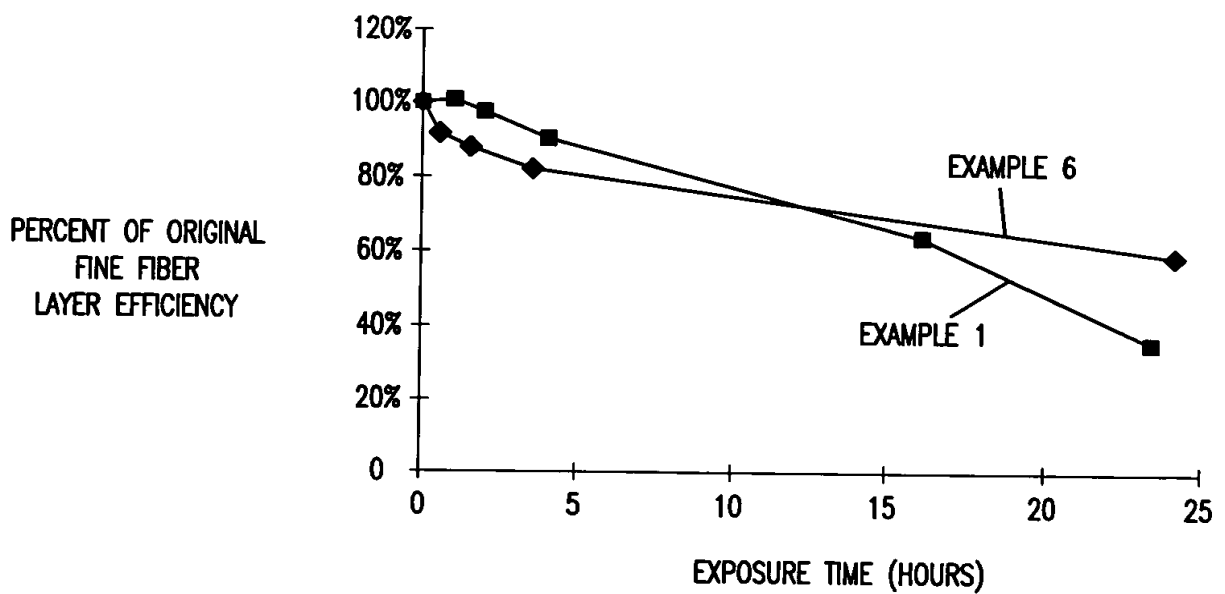
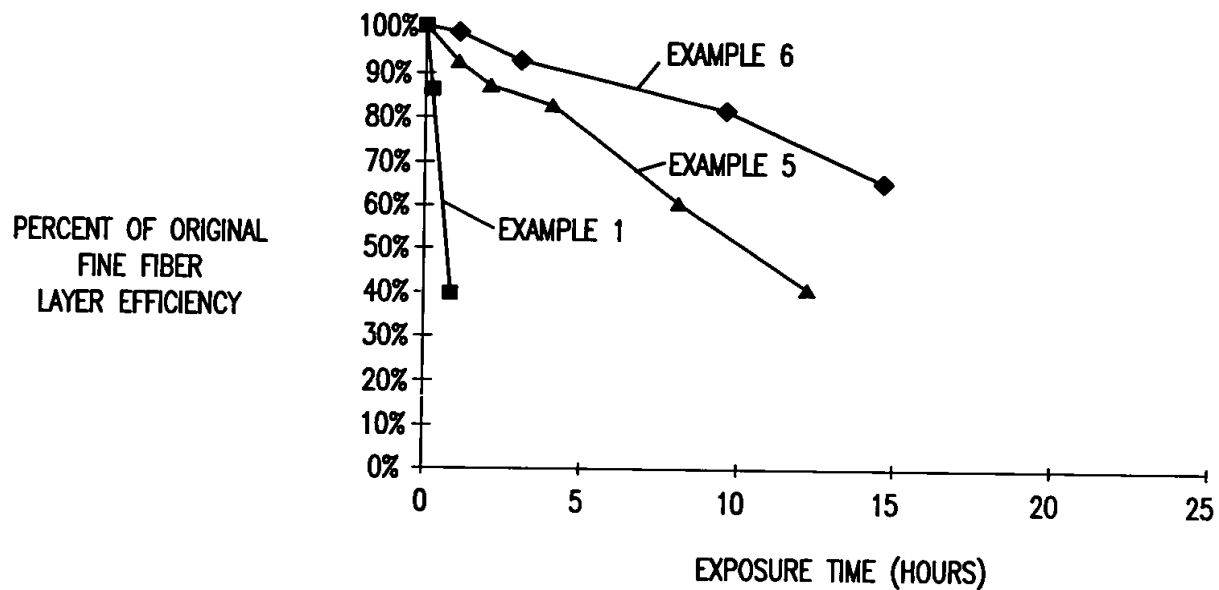
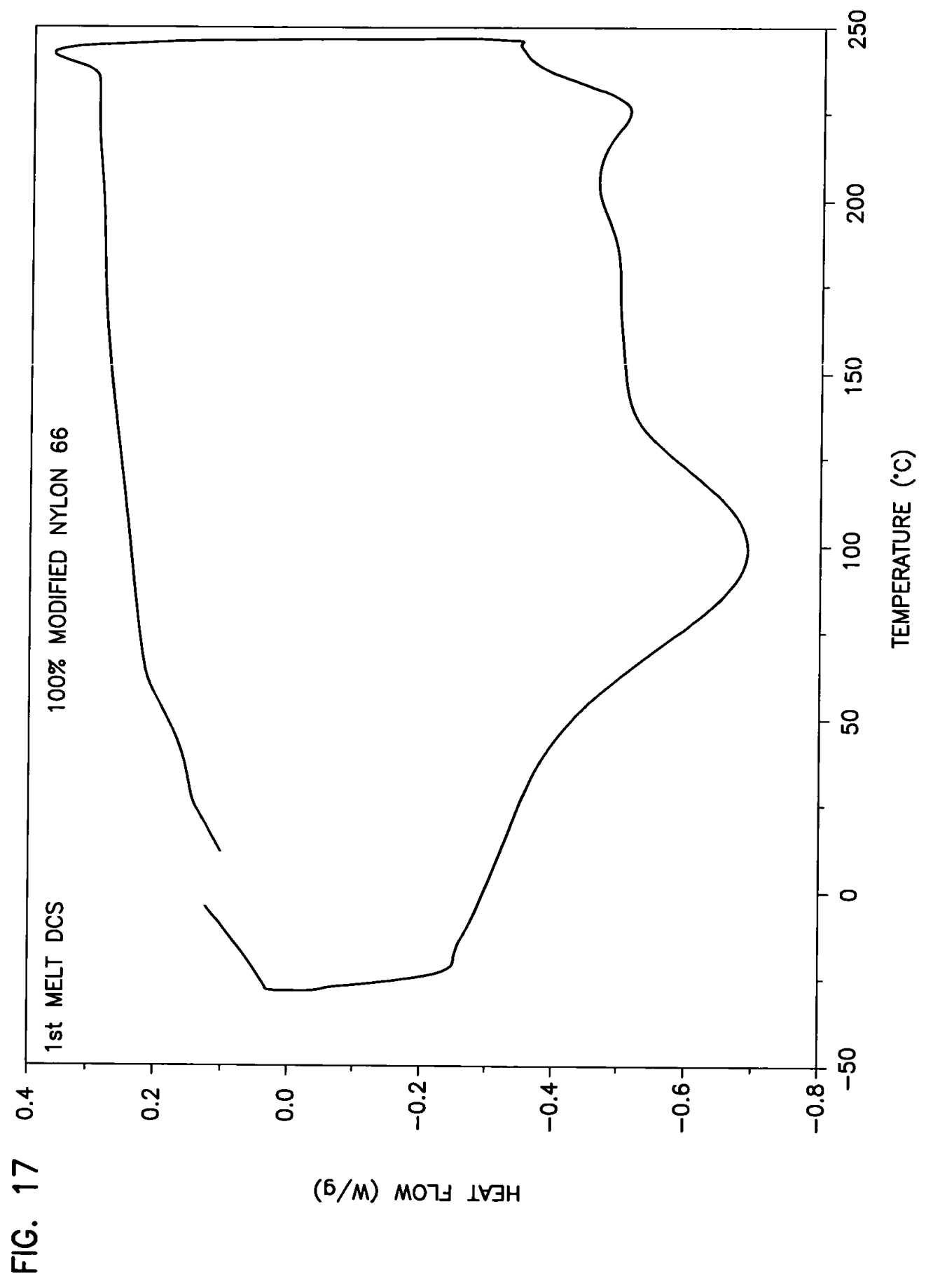


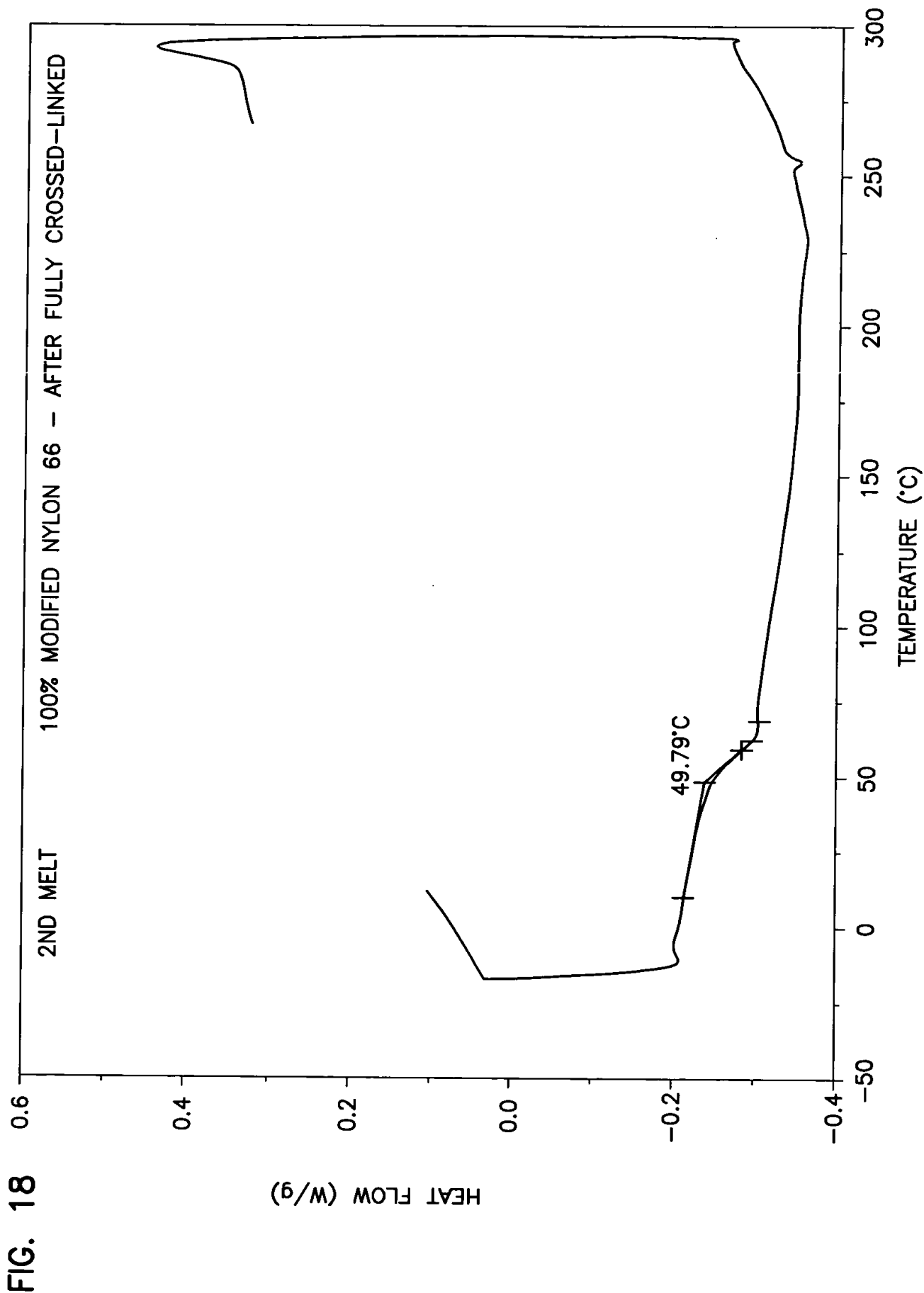
FIG. 16



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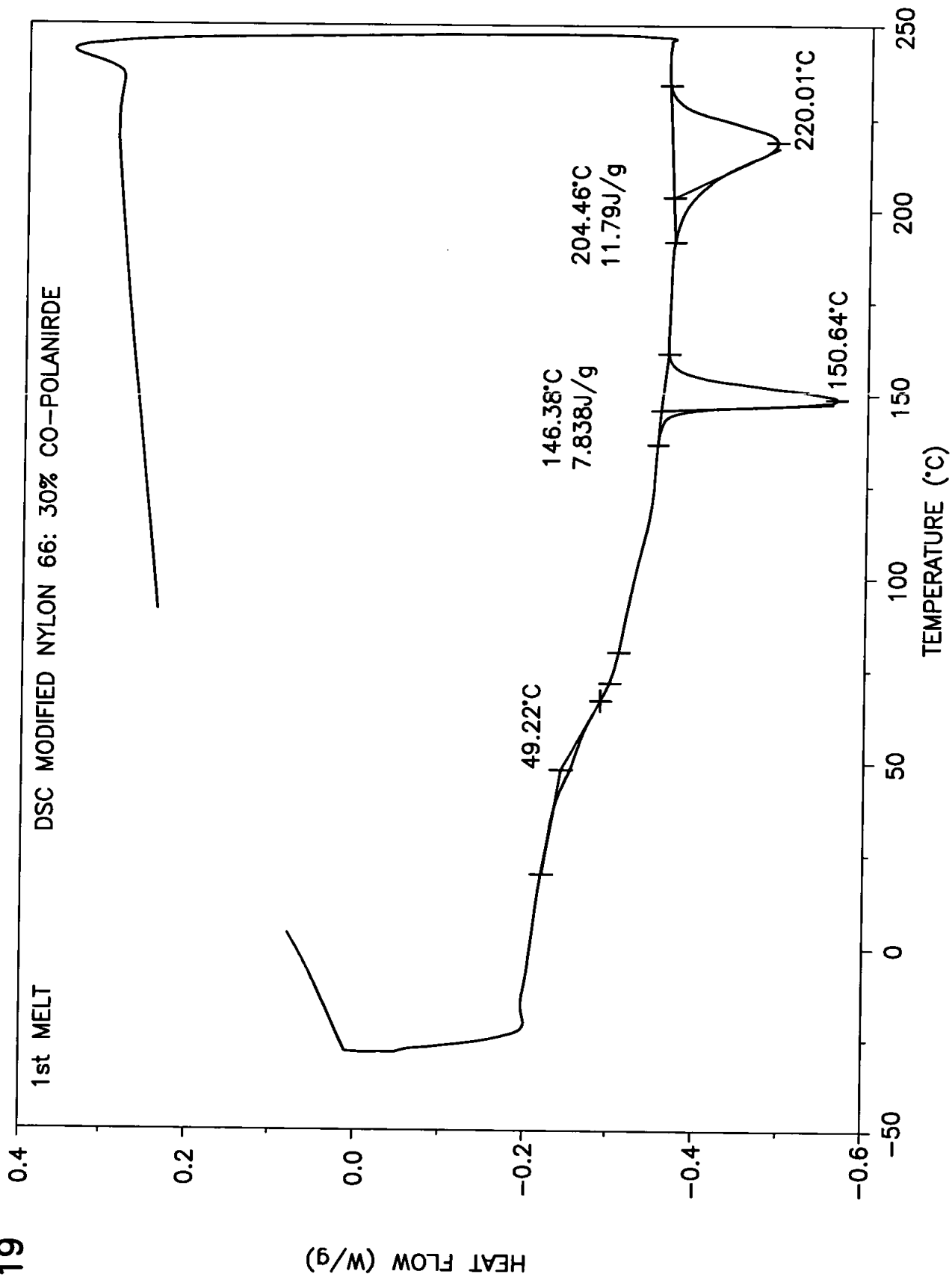
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FIG. 19



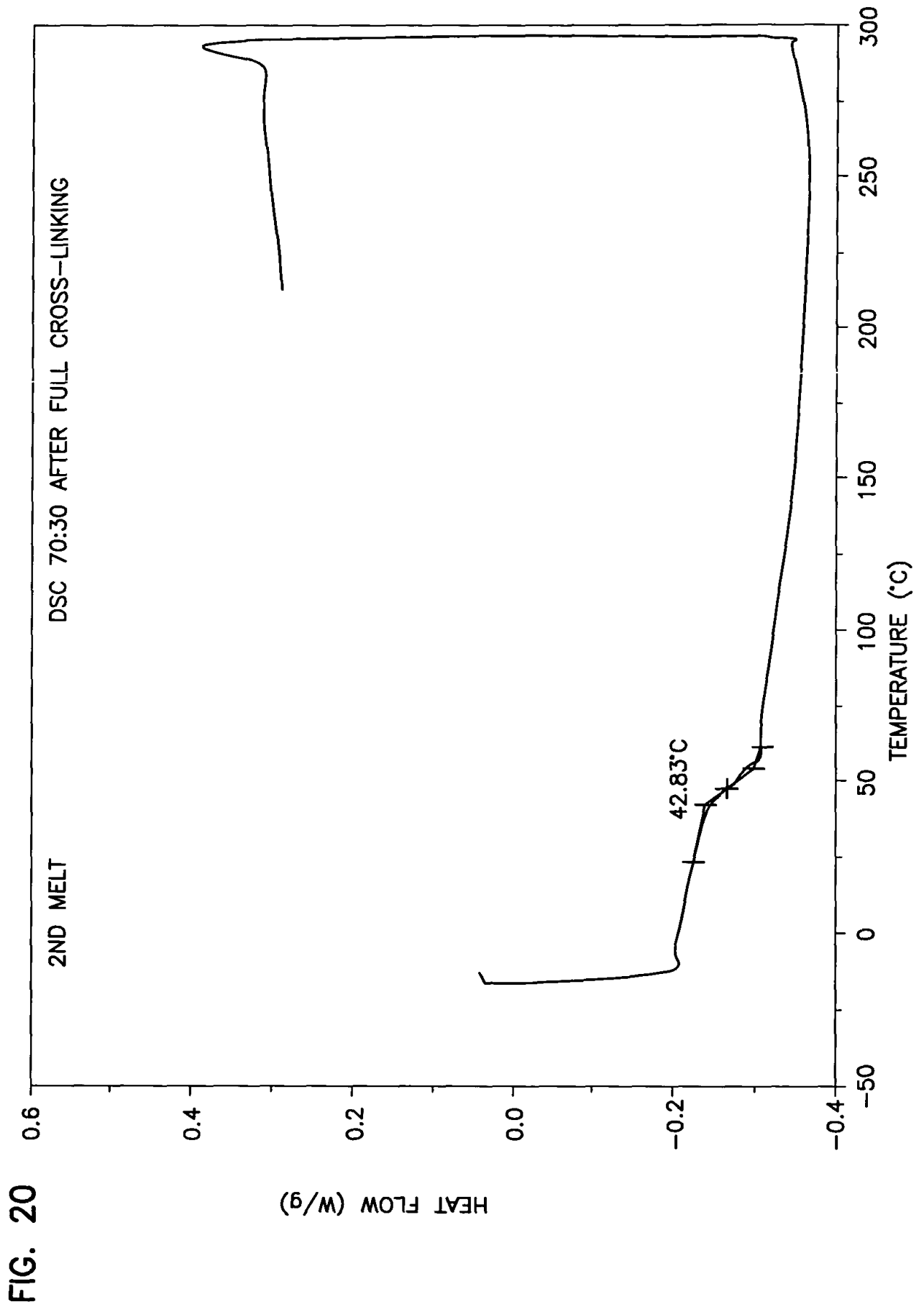


FIG. 21

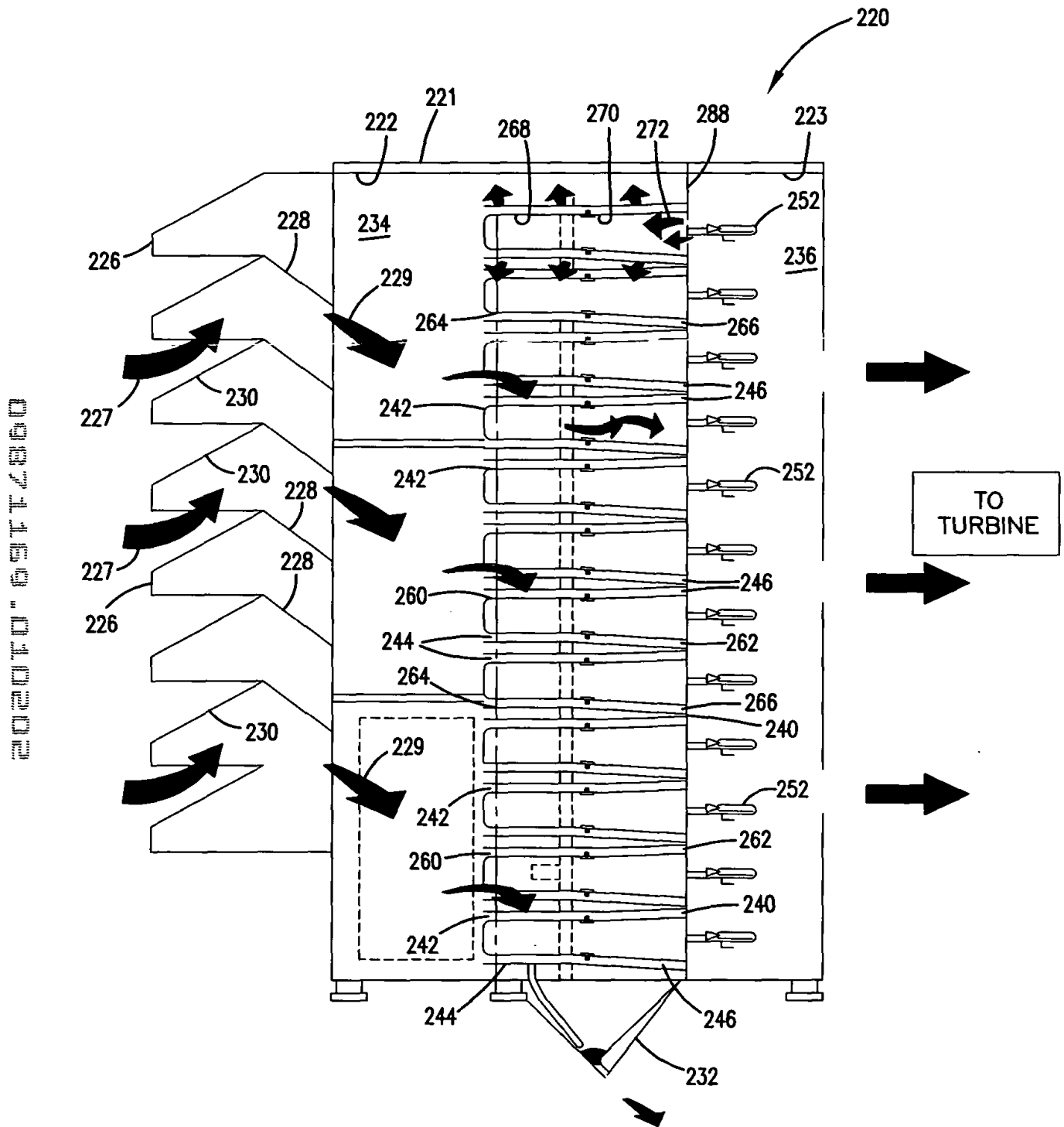


FIG. 22

